

TAB 2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fouad Mehawej
Serial No.: 10/066,935
Filed: February 4, 2002
Title: SUPERABSORBENT COMPOSITE AND ABSORBENT ARTICLES
INCLUDING SAME

Art Unit: 3761
Examiner: Stephens

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF FOUAD D. MEHAWEJ UNDER 37 CFR 1.131

I, Fouad D. Mehawej, state and declare as follows:

1. I am the named inventor on the above-captioned application.
2. Prior to November 30, 2001, my colleague, Wayne Miller, prepared a superabsorbent polymer composite at my direction. Mr. Miller prepared the composite by saturating a high loft nonwoven web with PD8081H an aqueous solution of superabsorbent polymer precursor and then drying the composite. This work was recorded at page 30 of laboratory notebook 7542, a copy of which is attached at Tab 1.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under section 1001 Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent on which this statement is directed.

Further I declare not.

Date:

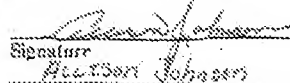
April 7, 2006


Fouad Mehawej
H.B. Fuller Company

CERTIFICATE OF TRANSMISSION

I hereby certify under 37 CFR §1.8(a) that this correspondence is being electronically transmitted to the United States Patent and Trademark Office on May 10, 2006.

Signature


Allison Johnson

Typed or Printed Name of Person Signing Certificate

TAB 1



TITLE OF EXPERIMENT:	SAP saturation	DATE:	REDACTED
LABORATORY LOCATION:	1200 WLB	PROJECT NO.:	1008
OBJECTIVE OF EXPERIMENT:	"FD8081H SAP system" to saturate High LOST NWs for increased absorbance capacity		

2 high ~~light~~ ^{thick} substrates from Fasad Machine
 one thicker than other:
 Substrate saturated in "FD8081H SAP system" at 220°F
 then put thru Atlas winger with min. weight.
 cured thinner NW 15 min @ 130°C + thicker one 35 min

Thinner NW	Gms	box weighed SAP	Added m
2	4.86	13.3	179
3	4.66	10.83	132
4	4.58	11.09	142
5	4.72	10.94	132

Thick NW	Gms	box weighed	Added m
1	8.9	22.6	154
2	9.36	21.68	132
3	10.55	26.15	148
4	10.12	24.36	141
5	10.09	24.58	144

2.4 gms thick NW 24 hrs absorbed 70 gms H₂O 7.66 pH
 7.15 gms thick NW " " 58 " " 7.73 "

2.18 gms thin + 100 H₂O absorbed 33 gms in 2 min
 34 " " 10 "

2.31 gms thick NW + 100 H₂O " 56 gms in 2 min
 70 gms in 10 min

REDACTED

CHEMIST

Wayne R. Muth

DATE

REDACTED

Read and/or explained to me and understood by me this

day of

REDACTED

Blair